REMARKS

Claims 17 and 32 were each amended to recite that the dynamically allocated transmission rate is dynamically assigned to the subscriber stations in accordance with the bandwidth available between the base station and the base station-router.

This feature is neither known nor rendered obvious from the cited prior art.

U.S. Patent No. 5,490,136 to Sereno discloses a method of controlling the transmission of variable rate information in a GSM mobile network. The system uses a CDMA multiple access scheme and does not discuss or suggest the dynamic allocation and concentration of transmissions.

The Examiner relies upon U.S. Patent No. 6,115,370 to Struhsaker as showing dynamic allocation and concentration of transmissions. This document discloses a wireless local loop system that uses CDMA and discusses how users compete for the use of the shared radio channel.

However, it is respectfully submitted that the Examiner is oversimplifying the problem overcome by the present invention. Firstly, in our opinion the skilled man would not even consider the two documents cited. Sereno relates to GSM networks and thus the skilled man would be skilled in cellular telephone technology. Struhsaker discusses local loop technology and thus addresses different problems.

Even if the man skilled in the art were to consider both of these references, there is no teaching of how to combine the teachings referred to by the Examiner. Thus, the Examiner does not appear to have appreciated that it takes substantial inventive skill to form a connection network as defined in claims 17 and 32 that can dynamically control and concentrate the variable transmission

rate of a telecommunications link in accordance with the bandwidth available between the base station and the router. There is no suggestion in either reference of how the skilled man would combine and implement such a system and method as claimed.

It is only with hindsight that it appears easy to combine the teachings of Sereno and Struhsaker. The system as now claimed is implemented using a v5.2 interface between a base station and a base station router and using an ISDN PRA between the base station router and router of the subscriber station. This arrangement or anything similar is not disclosed or suggested in the prior art and applicants therefore submit that amended claims 17 and 32 and then dependent claims are clearly distinguished therefrom.

Petition is hereby made for a one-month extension of the period to respond to the outstanding Official Action to November 25, 2006. A check in the amount of $120.00, as the Petition fee, is enclosed herewith. If there are any additional charges, or any overpayment, in connection with the filing of the amendment, the Commissioner is hereby authorized to charge any such deficiency, or credit any such overpayment, to Deposit Account No. 11-1145.

Wherefore, a favorable action is earnestly solicited.

Respectfully submitted,

KIRSCHSTEIN, OTTINGER, ISRAEL & SCHIFFMILLER, P.C.
Attorneys for Applicant(s)
489 Fifth Avenue
New York, New York 10017-6105
Tel: (212) 697-3750
Fax: (212) 949-1690

Alan Israel
Reg. No. 27,564